



OILTEST, INC.
38 Courtland Street
Everett, Massachusetts 02149
617-394-9641 FAX 617-394-9644
bopsgp@oiltest.com

LABORATORY ANALYSIS

OILTEST FILE NUMBER : 1105
SAMPLE NUMBER : BO008001

REF : LAB ANALYSIS OF #6 FUEL OIL FROM SHORE TANK# 2 AFTER
DISCHARGING BARGE B-175 AT SPRAGUE PORTSMOUTH, NH ON
JANUARY 7, 2003.

CERTIFICATE OF ANALYSIS SHORE TANK# 2 U-M-L COMPOSITE

TEST	METHOD	UNITS/COND	RESULT
API GRAVITY	D-287	°API @ 60°F	12.9
FLASH POINT, PENSKY MARTENS	D-93	°F. PROCEDURE-B	200+
POUR POINT	D-97	DEG C/DEG F	0 / +32
VISCOSITY	D-445	KIN CST @ 122 F	273.8
VISCOSITY	D-2161	SFS @ 122 F	129.4
SULFUR, X-RAY	D-4294	WT PCT	0.982
HEAT OF COMBUSTION	D-240	BTU/LB	18558
	D-240	BTU/GAL	151452
SODIUM	SOL/DIL	PPM	6
VANADIUM	SOL/DIL	PPM	118
SEDIMENT BY EXTRACTION	D-473	WT PCT	0.040
WATER BY DISTILLATION	D-95	VOL PCT	0.40
WATER & SEDIMENT	D-1796	VOL PCT	0.40
ASH	D-482	WT PCT	0.057
ASPHALTENES	IP-143	WT PCT	5.9
CARBON RESIDUE CONRADSON	D-189	WT PCT	11.5
NITROGEN	D-5762	WT PCT	0.38

PAUL ST.GERMAIN

OILTEST REPRESENTATIVE :

THE ATTACHED CERTIFICATE REPRESENTS THE PRODUCT INSPECTED
BY THE INSPECTION SERVICE ON THE DATE STATED ON THE
CERTIFICATE IN THE TANK STATED BY THE INSPECTION SERVICE. SPRAGUE
REPRESENTS THAT ANY PRODUCT IT MAY SELL AT THE RACK MAY DIFFER
FROM SUCH INSPECTION CERTIFICATE BUT SUCH PRODUCT SHALL
MEET THE SPECIFICATIONS AS MAY BE REQUIRED BY ANY APPLICABLE
REGULATIONS WITHIN THE STATE THAT THE PRODUCT IS SOLD.